MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH, 1937

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MARCH 1937

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.1	64.3	63.8	64.4	18.7	10.9	15.0	17.9	13.3	15.4
2	1.3	58.6	55.7	58.5	19.2	13.4	15.4	18.3	16.4	16.7
3	58.7	8.7	9.6	9.0	17.2	11.9	15.1	15.9	13.7	14.9
4	61.9	62.6	63.6	62.7	17.1	11.7	15.7	13.2	12.2	13.7
5	5.8	5.5	6.2	5.8	19.1	11.4	14.9	18.6	13.3	15.6
6	66.5	64.2	63.4	64.7	18.7	12.8	15.7	17.7	15.3	16.2
7	58.4	55.9	54.0	56.1	22.0	15.7	17.4	20.4	16.7	18.2
8	7.8	60.1	63.1	60.3	20.4	14.1	18.7	19.3	15.4	17.8
9	66.1	5.7	6.4	6.1	20.4	13.1	17.6	19.8	14.5	17.3
10	6.2	5.2	4.8	5.4	20.5	13.9	16.1	19.9	15.7	17.2
11	63.3	62.8	63.3	63.1	21.0	14.1	17.4	20.2	16.1	17.9
12	3.3	3.0	2.9	3.1	20.9	13.0	17.5	19.6	15.4	17.5
13	3.0	1.8	1.6	2.1	20.6	13.5	17.1	19.8	16.3	17.7
14	0.8	0.5	1.6	0.9	21.3	13.9	17.2	20.3	16.3	17.9
15	3.2	4.1	5.0	4.1	21.2	14.6	17.6	20.9	16.2	18.2
16	65.8	64.8	64.9	65.2	22.3	14.6	17.7	21.6	16.4	18.6
17	3.8	3.2	2.8	3.3	21.3	12.9	16.6	20.5	15.9	17.7
18	2.9	2.4	3.1	2.8	20.4	13.1	17.0	19.8	15.3	17.4
19	4.0	3.8	4.6	4.1	20.4	12.8	16.6	19.7	14.5	16.9
20	4.6	4.6	4.5	4.6	21.2	13.9	17.4	20.7	15.6	17.9
21	62.5	61.7	61.2	61.8	22.9	14.5	17.6	21.4	17.7	18.9
22	1.8	1.3	1.5	1.5	23.3	13.7	18.9	22.5	16.8	19.4
23	3.1	2.8	3.2	3.0	22.3	14.8	18.4	21.8	15.8	18.7
24	3.1	1.9	1.5	2.2	22.4	15.6	18.7	21.2	17.3	19.1
25	60.6	60.0	59.9	60.2	22.8	15.7	19.6	21.7	17.7	19.7
26	59.5	58.6	57.3	58.5	23.0	16.1	19.2	21.1	18.2	19.5
27	8.3	8.2	9.7	8.7	22.0	13.4	18.4	20.3	15.6	18.1
28	60.7	61.1	62.1	61.3	21.7	13.5	18.7	20.5	15.6	18.3
29	3.7	2.6	2.5	2.8	21.9	13.2	18.6	19.6	15.2	17.8
30	2.0	0.8	0.7	1.2	21.1	12.7	17.9	19.6	15.6	17.7
31	60.8	60.1	59.9	60.3	22.1	14.3	18.3	20.9	16.4	18.5
	762.52	761.96	762.08	762.19	20.95	13.64	17.36	19.83	15.50	17.63

Barometer, range for month 754.0 mm.–766.5 mm.
,, 50-yr. average for month 761.163 mm.
Thermometer, Range for month 10.9° C.—.23.3° C.
,, 50-yr. average for month 16.19° C.
Rain, total for month 35.168 mm.
,, , 50-yr. average for month 98.300 mm.
,, , total, Sept. 1st to end of month 752.549 mm.
,, 50-yr. average, Sept 1st to end of month 826.020 mm

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	12.5	14.2	11.3	9.3	9.9	8.9	9.4	74	64	78	72		
2	10.3	12.9	11.1	6.9	12.9	11.1	10.3	53	52	52	52		
3	12.6	12.7	12.1	9.3	9.1	9.5	9.3	73	68	81	74		5.969
4	13.1	12.3	11.9	9.6	10.2	10.2	10.0	73	90	96	86		26.151
5	13.4	15.4	12.2	10.6	11.0	9.9	10.5	84	70	87	80		3.048
6	12.6	13.8	13.4	9.1	9.5	10.3	9.6	69	62	79	70		
7	13.9	14.9	15.7	9.8	9.6	12.5	10.6	66	54	88	69		
8	14.9	17.6	14.4	10.3	14.0	11.6	12.0	66	84	90	80		
9	15.8	17.6	14.2	12.2	13.4	11.6	12.4	81	78	96	85		
10	13.7	16.9	12.6	13.0	12.4	9.1	11.5	95	71	69	78		
11	14.4	17.9	15.3	10.4	13.6	12.4	12.1	71	77	92	80		
12	14.9	15.6	14.3	10.9	10.7	11.7	11.1	73	63	94	77		
13	14.2	17.4	14.9	10.4	13.2	11.7	11.8	71	76	85	77		
14	15.9	18.0	15.8	12.6	13.7	13.1	13.1	87	77	95	86		
15	15.9	18.3	15.9	12.4	13.8	13.2	13.1	83	75	97	85		
16	17.2	18.2	15.9	14.2	13.2	13.2	13.5	94	68	95	86		
17	16.4	17.5	15.0	13.5	12.8	12.1	12.8	95	71	90	85		
18	13.7	15.6	13.3	9.8	10.7	10.2	10.2	69	62	78	70		
19	13.9	14.8	12.0	10.2	9.7	9.0	9.6	73	56	73	67		
20	14.2	16.6	13.7	10.1	11.4	10.5	10.7	69	63	80	71		
21	15.9	17.2	17.2	12.3	11.9	14.2	12.8	83	63	94	80		
22	16.8	18.8	16.2	12.7	13.7	13.2	13.2	78	67	94	80		
23	16.8	18.8	15.4	13.1	14.1	12.7	13.3	84	72	96	84		
24	17.1	18.5	16.8	13.3	13.9	13.9	13.7	83	74	95	84		
25	17.1	19.3	17.4	12.7	14.8	14.5	14.0	76	77	95	83		
26	18.1	19.0	17.9	14.7	14.9	15.0	14.8	89	79	95	88		
27	17.4	17.6	12.9	14.1	13.1	9.5	12.2	89	74	72	78		
28	14.7	16.1	13.8	10.0	10.9	10.6	10.5	63	60	81	68		
29	15.7	16.2	13.4	11.3	11.6	10.2	11.0	71	68	80	73		
30	14.7	15.1	13.6	10.5	10.1	10.4	10.3	69	59	79	69		
31	15.6	18.6	14.8	11.5	14.3	11.5	12.4	74	78	83	78		
				11.32	12.20	11.53	11.67	76.7	69.4	85.8	77.3		1.13

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

10-year averages are for period, 1875-1924

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	5ci	0	2.0	0	1s	0	22.5	calm	
2	0	7ci	0	2.3	0	0	0	1.8	„	
3	10nicu	10ni	10ni	10.0	3s	4s	5s	416.8	rough	thunderstorm p.m.
4	8cu	10ni	10ni	9.3	3s	2s	1se	226.8	stormy	thunder a.m.
5	7cu	1cu	0	2.7	0	1se	0	25.9	mod.	
6	0	0	0	0.0	0	3se	3n	231.7	slight	
7	0	7cicu	7cicu	4.7	0	0	0	14.2	calm	
8	6cicu	10cicu	0	5.3	1n	2n	0	141.8	slight	mist a.m.
9	7cu	3ci	0	3.3	1s	2s	0	103.2	„	heavy dew p.m.
10	8ci	9ci	0	5.7	1s	1s	0	59.4	calm	„ „ fog a.m.
11	9ci	5cicu	0	4.7	0	0	1se	20.9	„	„ mist a.m. & p.m.
12	0	0	0	0.0	1se	1n	0	30.6	„	mist a.m.
13	0	0	0	0.0	1se	3n	1n	191.7	slight	„ „
14	9ci	4ci	4cu	5.7	2s	2s	2s	220.3	calm	heavy dew a.m.
15	0	2ci	1cu	1.0	2s	3s	0	108.0	„	„ „ „
16	0	0	0	0.0	0	1se	0	43.3	„	mist& „ „ „
17	2ci	4cicu	4cu	3.3	3s	3s	0	170.6	„	„ „ „
18	5cu	3cu	7cu	5.0	4s	3s	0	199.5	slight	
19	4cu	0	0	1.3	1s	1s	0	25.7	„	
20	0	0	0	0.0	1s	0	0	30.8	calm	
21	2ci	0	4ci	2.0	0	1s	1n	24.9	„	light dew a.m.
22	0	0	0	0.0	1se	1s	0	40.8	„	„ „ „
23	1ci	2ci	0	1.0	1s	2s	0	68.1	„	„ „ „
24	3ci	9ci	9ci	7.0	2s	2n	3n	305.7	slight	mist & dew a.m.
25	0	3cu	10cicu	4.3	1se	3n	1n	135.4	„	„ „ „ „
26	9ci	10ci	3ci	7.3	0	2s	1n	140.2	calm	heavy dew a.m.
27	9ci	10ci	7cu	8.7	4s	4s	2s	222.4	slight	„ „ „
28	5cu	5cu	1cu	3.7	3se	3s	1s	117.4	mod.	
29	1cu	4cicu	0	1.7	2s	2s	0	119.3	slight	
30	3cu	5cu	4cu	4.0	1s	2s	0	84.7	„	
31	6cicu	6cicu	0	4.0	1s	2s	0	135.1	calm	
				3.55	1.3	1.8	0.7	121.92		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	5	16	0	0	0	9	31
14:30	5	0	0	3	19	0	0	0	4	31
20:30	6	0	0	2	4	0	0	0	19	31
Totals	12	0	0	10	39	0	0	0	32	93

Number of days with rain 3, fog 1, thunderstorm 1, gale 0.

50-yr. average number of days with rain during month 10.9